

LTA:212Za01

NAME:  
Manawa-Hortonville Moraines

ACRES:  
144005.89

SQUARE MILES:  
225.009

DESCRIPTION:  
The characteristic landform pattern is rolling moraine with scattered drumlins, dissected by stream terraces. Soils are predominantly well drained silt loam over calcareous loam till. Common habitat types include forested lowland, hydromesic, AH, AFAd,

<b>CLIMATE</b>		<b>GEOLOGY</b>	
CODE	PERCENT	BEDROCK TYPE DESCRIPTION	
74	0	Igneous, Metamorphpic, and Volcanic Rock	
75	57		
76	21		
86	22		
		AVERAGE DEPTH TO BEDROCK 10000	BEDROCK DEPTH DESCRIPTION Bedrock is between 100 feet and 50 feet of the land surface
<b>GEOMORPHOLOGY</b>			
		GEOMORPHOLOGY PROCESS Till Deposition	TOPOGRAPHY Rolling
		SURFACE Till Plain	

SOIL INFORMATION		SOIL DESCRIPTION	
SOIL ASSOCIATIONS		The Niandah and somewhat poorly drained loamy soils with a silt loam surface over calcareous loam till.	
Hortonville-Symco, Cathro-Markey-Seelyeville, Plainfield-Richford, Shioto			
SURFACE TEXTURES	GENERAL TEXTURES	FAMILY TEXTURES	DRAINAGE CLASSES
SIL	Loamy	FIL	WD-SPD
PARENT MATERIAL			
Till			

<b>KOTAR'S HABITAT</b>						*Listed in order of probability occurrence, with each having an occurrence of 10% or greater
HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6	
Lowland	Hydromesi	AH	AFAd	ATiFrCi	ArDe	

WISCLAND LAND COVER

COVER TYPE CLASS	ACRES	PERCENT
Agricultural Land	97909	68
Bare Land	2414	2
Forested Wetland	12715	9
Grassland	4594	3
High Intensity Urban Area	1352	1
Low Intensity Urban Area	700	0
Nonforested Wetland	11814	8
Open Water	767	1
Upland Broad-leaved Deciduous	10877	8
Upland Coniferous Forest	840	1
Upland Mixed Deciduous/Conifer	22	0

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
BHH/P	5	Beech, Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
HH/P	19	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	0	White Pine, Red Pine
PJ/OX	0	Jack Pine, Scrub Oak and Barrens
ABW/P	3	Aspen, White Birch, Pine
BE/O	10	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
NH/O	30	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	5	Oak - Black, White, and Burr Oak
OS	1	Oak Openings - Bur, White, Black Oak
SC	19	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock
LH	1	Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
70 Miles	111 Miles	891 Acres	11701 Acres	0'-20'	dendritic